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	Application Number:	10/705,548
	Filing Date:	November 10, 2003
	First Named Inventor:	Alan J. Lang
	Art Unit:	3738
	Examiner Name:	Hieu Phan
	Attorney Docket Number:	27569

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	4,564,484	01/14/1986	Neefe	
	2.	5,050,981	09/24/1991	Roffman	
	3.	5,181,053	01/19/1993	Brown	
	4.	5,191,366	03/02/1993	Kashiwagi	
	5.	5,220,359	06/15/1993	Roffman	
	6.	5,684,560	11/04/1997	Roffman et al.	
	7.	5,777,719	07/07/1998	William et al.	
	8.	6,024,447	02/15/2000	Portney	
	9.	6,082,856	07/04/2000	Dunn et al.	
	10.	6,126,286	10/03/2000	Portney	
	11.	6,224,211 B1	05/01/2001	Gordon	
	12.	6,338,559 B1	01/15/2002	William et al.	
	13.	6,454,408 B1	09/24/2002	Morris et al.	
	14.	6,596,025 B2	07/22/2003	Portney	
	15.	6,638,305 B2	10/28/2003	Laguerre	
	16.	6,663,240 B2	12/16/2003	Patel	
	17.	2002/0063848 A1	05/30/2002	Fiala	
	18.	2004/0054408 A1	3/18/04	Glick et al.	
	19.	2004/0230299	11/18/04	Simpson et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	20.	WO92/22000 A1	12/10/1992		
	21.	WO02/074210 A2	09/26/2002		
	22.	WO04/089252 A2	10/21/2004		
	23.	EP0900403 B1	03/10/1999		
Examiner Signature				Date Considered	04/13/2005

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